

RAPID GROWING MICROORGANISMS FOR BIOTECHNOLOGY
APPLICATIONS

ABSTRACT OF THE DISCLOSURE

The present invention provides novel rapid growing microorganisms and methods for their use in cloning or subcloning nucleic acid molecules. The rapid growing microorganisms of the present invention form colonies more rapidly than microorganisms typically used in molecular biology and thus provide a significant improvement in *in vitro* cloning methods used extensively in molecular biology. The rapid growing microorganisms of the invention preferably do not contain detectable levels of bacteriophage genetic material from at least one bacteriophage or in the alternative are resistant to infection by one or more bacteriophage types. The invention also relates to kits and compositions used in the methods of the invention.

25622.1

comp